AMROAD P3

QUICK INSTALLATION GUIDE FOR SYSTEM INTEGRATORS

Product code: Amroad DB3100R

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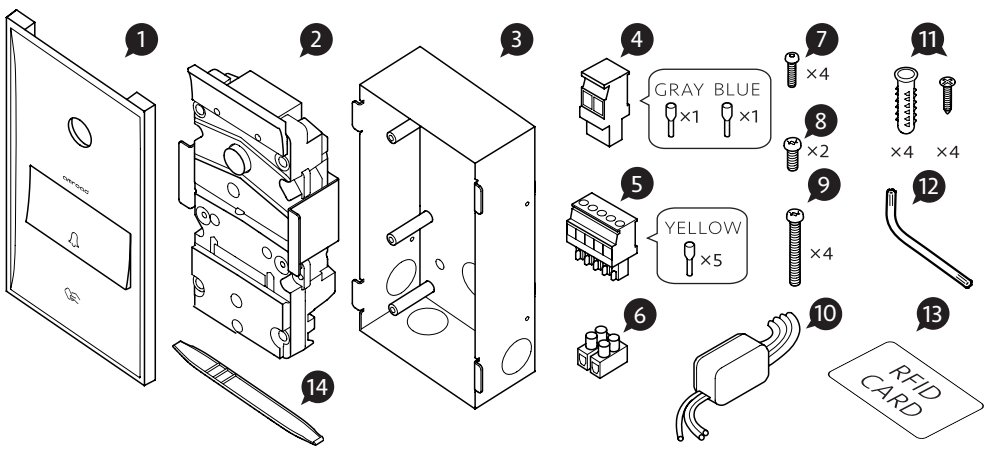
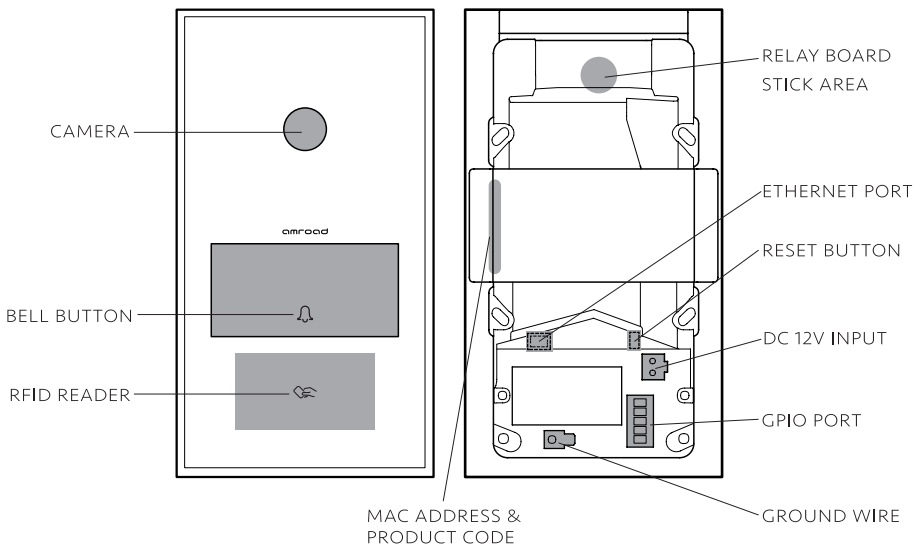
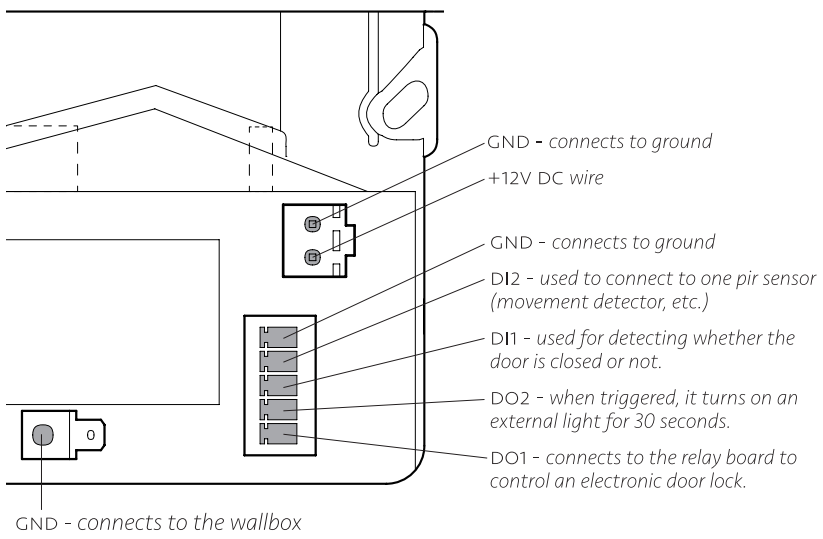
PACKAGE CONTENTS



1. Front panel
2. Main unit
3. Metal wall box
4. 2-pin terminal block + cord end terminal (×2)
5. 5-pin terminal block + cord end terminal (×5)
6. H type terminal connector for power cord
7. Screws for firmness in solid concrete (×4)
8. Pin-Torx security screws (×2)
9. Long Phillips screws (×4)
10. Relay board
11. Wall plugs (×4) + self tapping screws (×4)
12. L-shaped key for security screws
13. Blank RFID card
14. Button extraction tool

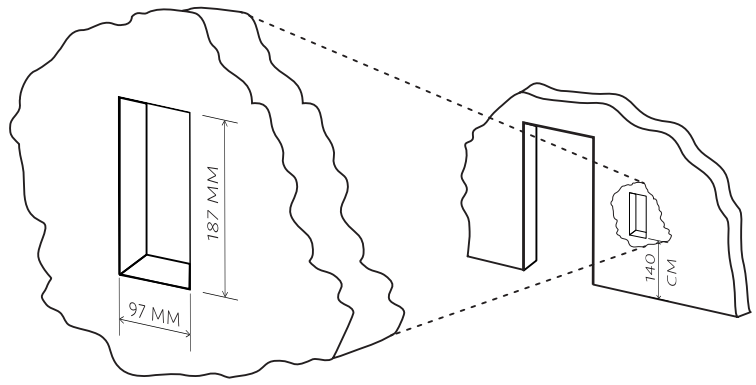
PRODUCT OVERVIEW




GND - connects to ground
+12V DC wire
GND - connects to ground
DI2 - used to connect to one pir sensor (movement detector, etc.)
DI1 - used for detecting whether the door is closed or not.
DO2 - when triggered, it turns on an external light for 30 seconds.
DO1 - connects to the relay board to control an electronic door lock.
GND - connects to the wallbox

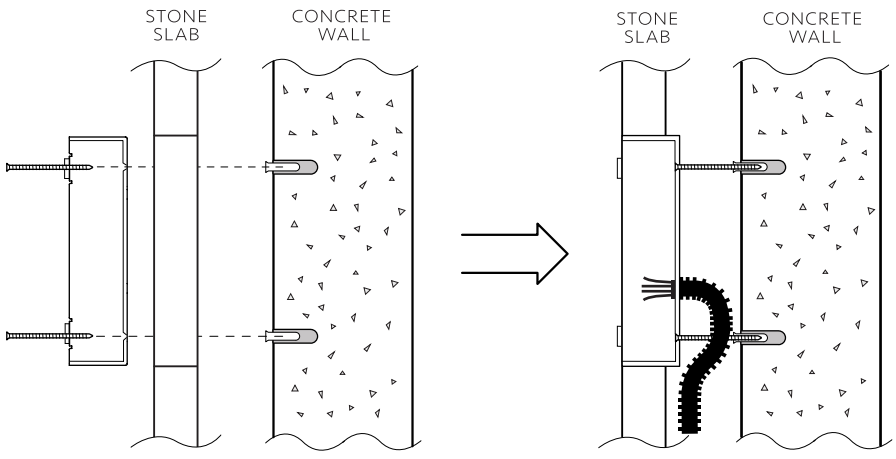
This Quick Start Guide only describes how to install our product into stone slabs (ie marble). However, the included metal wall box can be installed into many different types of wall. By tightening the 4 included screws (#7) on the side of the wallbox, you will increase its firmness into concrete-based installation.

INSTALLING THE DEVICE



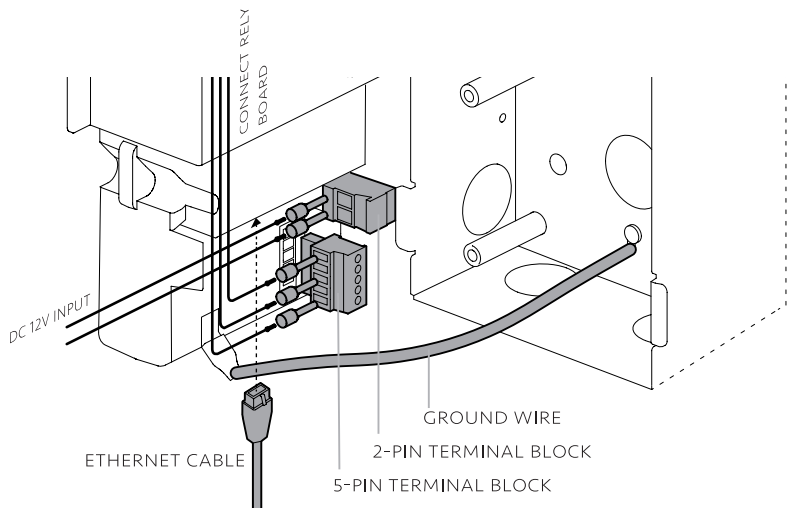
CUTTING THE HOLE

1. By using a bubble level, draw a rectangle of 187×97 mm on the slab. The lower side of the rectangle should be located at 140 cm from the ground.
2. Using the lines as external limit, cut a rectangular hole into your slab. The depth of the wallbox is about 50 mm.



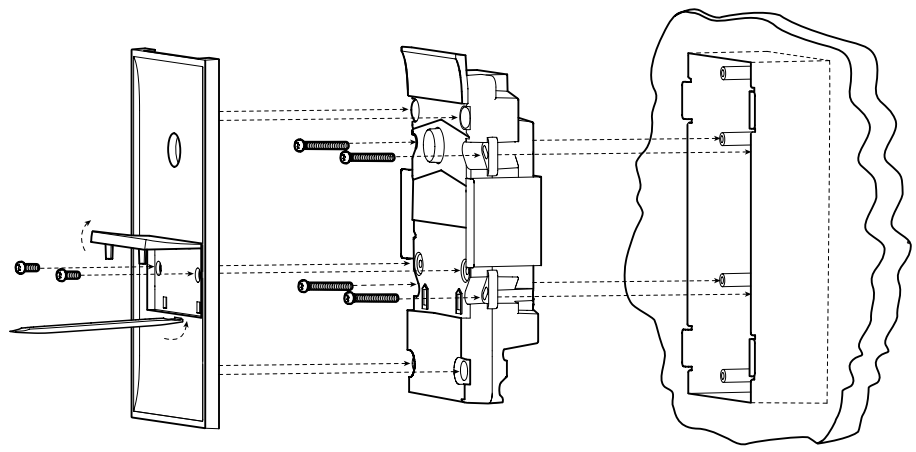
INSTALLING THE WALL BOX

1. Remove one of the knock-outs.
2. Put the wall box (#3) into the cavity and mark the position of the four mounting holes.
3. Drill the four holes with a diameter of 5 mm.
4. Insert the four wall plugs (#11).
5. Insert the corrugated tube into the removed knock-out.
6. Place the wallbox into the cavity and tighten the screws (#9).



WIRE AND CABLE CONNECTION

1. Connect cables and wires according to the diagram above.
2. Connect the black wire (ground wire) to the wall box. Remember to tighten the screws on both sides. In order to prevent power surge and lighting strike from damaging the device, the wallbox should be connected to the earth wire of the building.



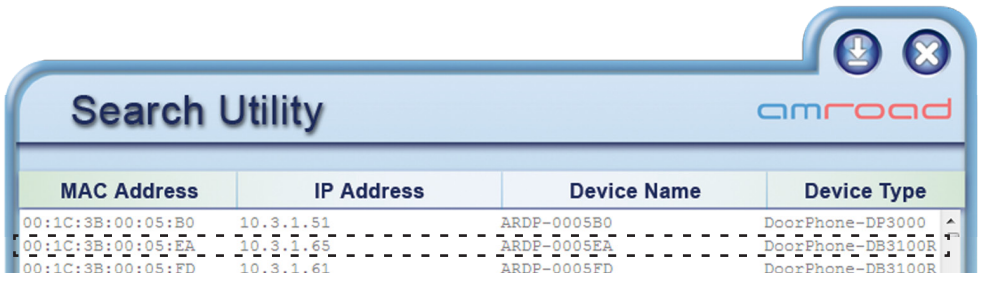
INSTALLING MAIN UNIT AND FRONT PANEL

1. Place the main unit (#2) into the wallbox and tighten the four Phillips screws (#9).
2. Withour removing the protective film, firmly press the front panel (#1) against the device until it touches the wall.
3. Lift up the bell button using the extraction tool (#14).
4. Tighten the 2 security screws (#8) with the L-shaped key (#12).
5. Close the key by pressing it until it snaps and re-apply the protective film on the front panel.

CONFIGURING THE DEVICE

FINDING AMROAD DB3100R ON THE NETWORK

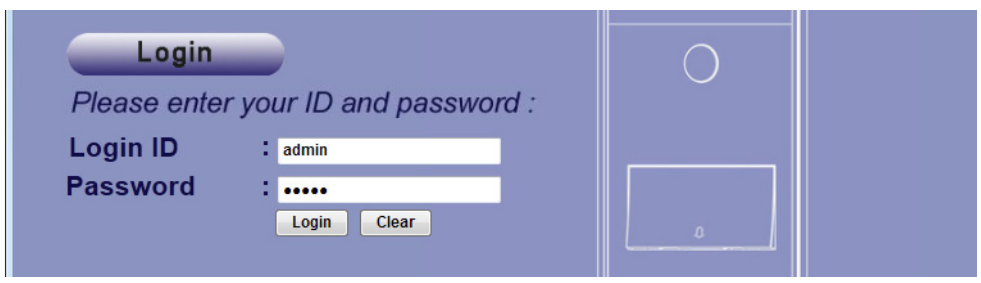
1. Connect your computer to the local network.
2. Execute the utility called *Amroad search tool.exe"*(provided by your dealer).
3. Press the SEARCH button in order to scan the whole network segment. A list will appear.
4. Your device is called *"Doorphone-DB3100R"* and it has a unique MAC address (also written on the side of the unit and on the packaging).
5. Copy the corresponding IP address.



ACCESSING THE WEB-SERVER

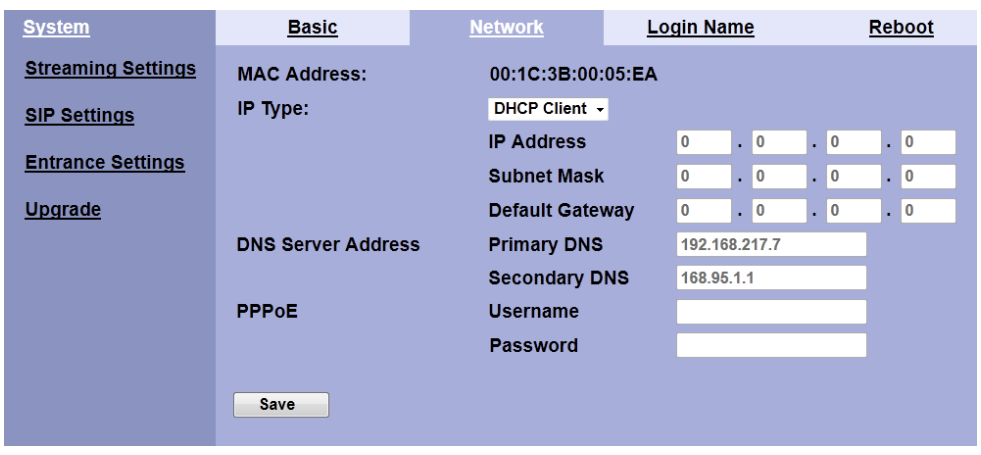
1. Input the IP address of your device in your browser. A landing page will appear.

2. Press the LOGIN button.
3. Input **Login ID** and **Password** then press the LOGIN button again to confirm.
   The default ID and password are: **Login ID**: *admin* , **Password**: *admin*



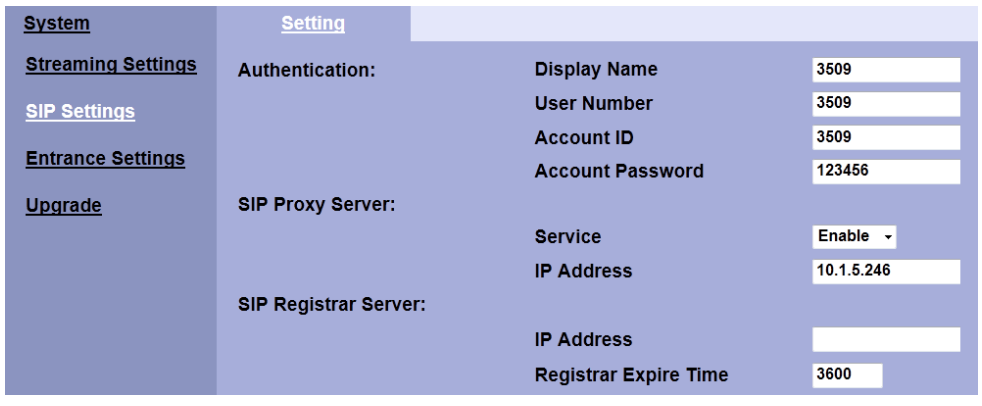
NETWORK SETTINGS

1. Choose the **IP type** from *DHCP*, *static* and *PPPoE*.
2. Fill in all the related parameters (for further explainations, please refer to the user manual).
3. Save the new settings.



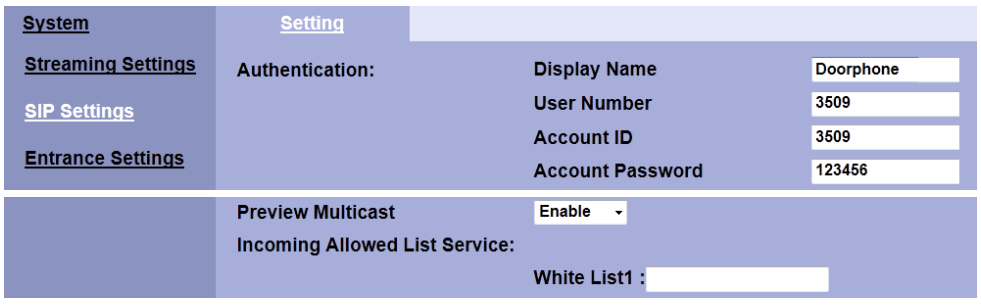
SIP SETTINGS

1. **Display Name** - This name will be shown on the IP phones of called parties.
2. **Sip proxy server \ Service** - By selecting *Enable*, you will connect in SIP mode while, by selecting *Disable* you will connect in Peer-to-Peer mode.



LIVE STREAMING

1. By entering *"Doorphone"* in the field called **Display Name**, when the bell button is pressed, you will hear a bell sound, and you will have the Picture Preview function on all Amroad's indoor stations and video phones.
2. **Preview Multicast** - By selecting *Enable*, your indoor station will display a live video image whenever somebody presses the bell button.

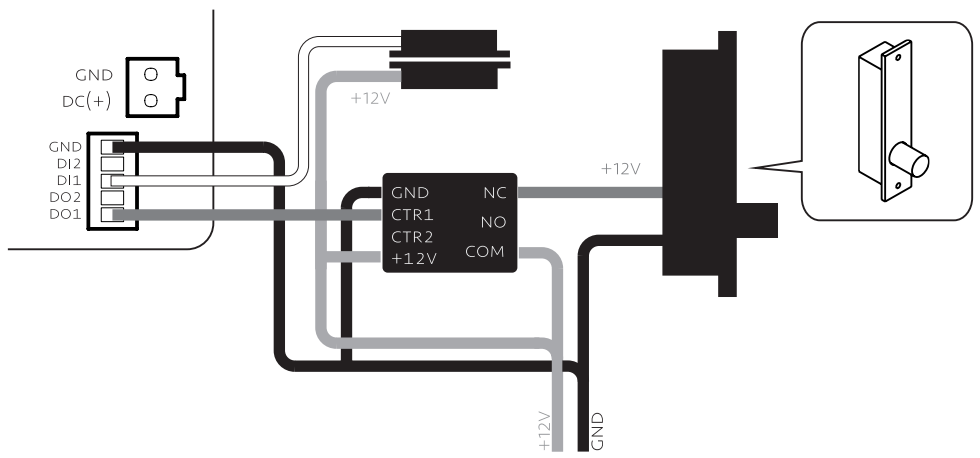


You may continue to configure the web-server according to your requirements.

CONNECTING ELECTRONIC BOLTS & STRIKES

CONNECTING AN ELECTRONIC BOLT

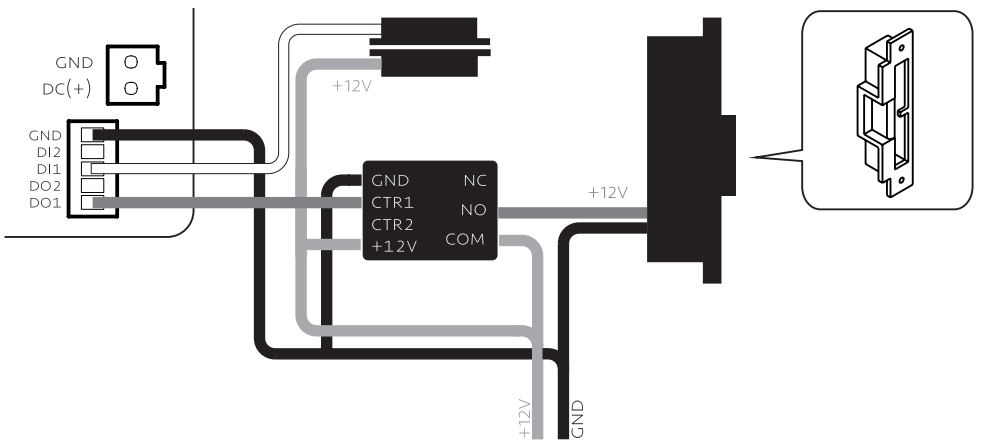
Electronic bolts are usually used in public spaces in order to open doors in case of emergencies. Electronic bolts close doors whenever +12V is supplied.



When the wire connection is completed, we need to set the **Device Relay Output** option to *Positive* on the **GPIO** page of the **Entrance Settings**.

CONNECTING AN ELECTRONIC STRIKE

Electronic strikes are commonly used in private houses so that doors remain closed during blackouts. Electronic strikes open doors whenever +12V is supplied.



When the wire connection is completed, we need to set the **Device Relay Output** option to *Negative* on the **GPIO** page of the **Entrance Settings**.

RESETTING THE DEVICE

There is a reset button on the back of the device.

A. If you press it for 3 seconds, the device will switch to the static IP mode as *"192.168.0.50 "* and reboot itself.
B. If you press it for more than 6 seconds, the device will switch to the DHCP mode and reboot itself (you will restore the factory setting).